# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S256 | 14 | ((download$4 with (server near5 (upgrade package software))) same PSTN) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 11:32 |
| S257 | 2 | S256 and (download$4 with switch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 11:34 |
| S258 | 6 | server same ((download$4 and upgrad$4) with switch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 11:43 |
| S259 | 3082 | (telecommunic$5 PSTN wireless) and ((switch softswitch gateway) with (download$4 upgrad$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 11:40 |
| S260 | 747 | S259 not S258 and @rlad<"20010425" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 11:44 |
| S261 | 133 | S260 and (telephon$4 provider) and (service near5 call) and ((rout$4 service) near4 control$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 11:42 |
| S262 | 4332 | (gateway controller switch softswitch) same ((download$4 upgrad$4) with server) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 11:43 |
| S263 | 885 | S262 not S258 and @rlad<"20010425" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:13 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S26 4 | 45 | S261 and S263 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:04 |
| S26 5 | 192 | (upgrad$4 with ((call service) controller)) same (call near2 servic$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:13 |
| S26 6 | 11 | S265 and ((switch gateway softswitch) same download$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:07 |
| S26 7 | 10 | S265 and (S260 or S263) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:13 |
| S26 8 | 20 | S266 or S267 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:11 |
| S26 9 | 537 | (wireless telecommunic$5 telephony pstn) and (upgrad$4 near4 (service sector area)) and ((central repository server) with download$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:13 |
| S27 0 | 847 | (wireless telecommunic$5 telephony pstn) and (upgrad$4 with (service sector area)) and ((central repository server) with download$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:13 |
| S27 1 | 70 | S270 and (S260 or S263) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:13 |

| S27 2 | 70 | S271 and @rlad<"20010425" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 13:00 |
|---|---|---|---|---|---|---|
| S27 3 | 16 | S272 and (call near2 servic$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:14 |
| S27 4 | 16 | S273 and upgrad$4 and download$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:18 |
| S27 5 | 10 | S274 not (download$4 with telephone) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:19 |
| S27 6 | 2 | "7283519".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:22 |
| S27 7 | 0 | (download$3 same server) and (upgrad$4 same ((call adj service) with controller)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:29 |
| S27 8 | 33 | (download$3 same server) and (upgrad$4 same (service with controller)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:43 |
| S27 9 | 219 | S270 and @rlad<"20010425" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:36 |

| S280 | 1603 | (S260 or S263 or S279) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:27 |
|---|---|---|---|---|---|---|
| S281 | 4 | S278 and S280 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:28 |
| S282 | 1 | S280 and ((call adj service) with controller) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:34 |
| S283 | 2 | "7046680".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:33 |
| S284 | 213 | (WAP wireless telecommunic$4 PSTN) and (call adj3 servic$2) and ((controller gateway softswitch) same upgrad$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:36 |
| S285 | 82 | S284 and @rlad<"20010425" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:36 |
| S286 | 15 | S284 not S285 and (upgrad$3 same (download$4 with (version application component upgrade software))) same service | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:37 |
| S287 | 12 | (download$3 same server) and S286 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:59 |

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|---|---|---|---|---|---|---|
| S28 8 | 15 | (download$3) and S286 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:45 |
| S28 9 | 10 | S288 not technician | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:44 |
| S29 0 | 71 | (download$3) and S285 not (technician with download$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:47 |
| S29 1 | 71 | S290 and (call near3 servic$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:59 |
| S29 2 | 50 | S291 not Ginter.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:47 |
| S29 3 | 0 | S291 not S292 and (upgrad$4 with controller) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:48 |
| S29 4 | 40 | S292 and (upgrad$4 same (provide service controller server)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:52 |
| S29 5 | 3 | S292 and (upgrad$4 with (gateway softswitch)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:54 |

| S29 6 | 2 | "6920615".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:56 |
|---|---|---|---|---|---|---|
| S29 7 | 2 | "6775267".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:57 |
| S29 8 | 216 | (call near4 servic$4 rout$3) and (upgrad$4 with gateway) and (wireless WAP telephony PSTN telecommunicat$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:58 |
| S29 9 | 117 | (download$3 same (portal server controller repository central)) and S298 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:59 |
| S30 0 | 47 | S299 and (call near3 servic$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 12:59 |
| S30 1 | 3 | S300 and @rlad<"20010425" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 13:00 |
| S30 2 | 44 | S300 not S301 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 13:03 |
| S30 3 | 25 | Kung.in. and (download$4 with gateway) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 13:03 |

| S30 4 | 63 | (US-20010054095-$ or US-20020098795-$ or US-20030065750-$ or US-20030161296-$ or US-20050008003-$ or US-20020021675-$ or US-20020120697-$ or US-20020188713-$ or US-20030092438-$ or US-20020176404-$ or US-20020154646-$).did. or (US-6779030-$ or US-6587684-$ or US-6421727-$ or US-5982769-$ or US-5828952-$ or US-6957186-$ or US-6904449-$ or US-6831915-$ or US-6731625-$ or US-6967957-$ or US-6510550-$ or US-6697848-$ or US-6636885-$ or US-6009464-$ or US-6816880-$ or US-6473759-$ or US-5349579-$ or US-6763458-$ or US-6931111-$ or US-6853714-$ or US-7107329-$ or US-6845102-$ or US-6125372-$ or US-5802162-$ or US-7046778-$ or US-5825769-$). did. or (US-6775253-$ or US-6731930-$ or US-6822954-$ or US-6614781-$ or US-5341374-$ or US-6584186-$ or US-6212635-$ or US-6289010-$ or US-6735175-$ or US-6816469-$ or US-5768539-$ or US-5600643-$ or US-6779020-$ or US-6738390-$ or US-6097515-$ or US-6002502-$ or US-5909480-$ or US-6876644-$ or US-7046680-$ or US-6611867-$ or US-6070012-$ or US-6920615-$ or US-6570855-$ or US-6687360-$ or US-7120139-$). did. or (US-6230194-$).did. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2007/12/06 14:27 |
|---|---|---|---|---|---|---|
| S30 5 | 13 | S304 and (PSTN wireless telecommunica$5 WAP) and (call near4 servic$3) and ((download$4 upgrad$4) same (service component upgrade software) same (gateway softswitch)) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2007/12/06 14:32 |
| S30 6 | 12 | S305 and ((download$4 same (server service component gateway)) (upgrad$3 with (gateway softswitch service)) ) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2007/12/06 14:35 |
| S30 7 | 1 | half-call and S306 | US-PGPUB; USPAT; DERWENT | OR | OFF | 2007/12/06 14:43 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S30 8 | 10 | S306 not (download$5 with telephone) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2007/12/06 14:51 |
| S30 9 | 7 | S308 and (download$4 same gateway) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2007/12/06 15:02 |
| S31 0 | 268 | (gateway same (maintenance upgrad$4 download$4)).ab. and (telephony telecommunicat$4 WAP wireless PSTN) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2007/12/06 14:49 |
| S31 1 | 63 | S310 and ((upgrad$4 download$4) with (software application applet API code program) with (gateway softswitch controller)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/06 14:50 |
| S31 2 | 25 | S311 not (download$5 with (user telephone terminal)) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2007/12/06 14:52 |
| S31 3 | 23 | S312 not (download$4 with key) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2007/12/06 14:52 |
| S31 4 | 1 | S313 and @rlad<="20010425" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/06 14:52 |
| S31 5 | 0 | (call near4 (servic$3 component)) and (reconfigur$6 same gateway). ab. and download$4 | US-PGPUB; USPAT; DERWENT | OR | OFF | 2007/12/06 15:03 |
| S31 6 | 3 | (call near4 (servic$3 component)) and ((reconfigur$6 with gateway) same (download$4 upgrad$4)) | US-PGPUB; USPAT; DERWENT | OR | OFF | 2007/12/06 15:09 |
| S31 7 | 2 | "7046680".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 15:15 |
| S31 8 | 2 | ("7046680" "7120139" "6920615" "7283519" "6957212").pn. and ((upgrad$3 download$3) with (gateway controller softswitch portal)) and (telephon$4 PSTN telecommunic$4 wireless WAP) and (service near5 call) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 15:30 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S31 9 | 2 | ("7046680" "7120139" "6920615" "7283519" "6957212").pn. and ((upgrad$3 download$3) with (gateway controller softswitch portal)) and (call with service) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 15:25 |
| S32 0 | 4 | ("7046680" "7120139" "6920615" "7283519" "6957212").pn. and switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 15:25 |
| S32 1 | 1 | ("7046680" "7120139" "6920615" "7283519" "6957212").pn. and softswitch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 15:30 |
| S32 2 | 10 | ("7046680" "7120139" "6920615" "7283519" "6957212").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 15:31 |
| S32 3 | 4 | S322 and (service with new ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/06 15:48 |
| S32 4 | 3 | S322 and (gateway with download$3 ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/07 08:06 |

# EAST Search History

| S32 5 | 64 | (US-20050008003-$ or US-20030092438-$ or US-20030161296-$ or US-20030065750-$ or US-20020176404-$ or US-20020188713-$ or US-20020154646-$ or US-20020021675-$ or US-20020120697-$ or US-20020098795-$ or US-20010054095-$).did. or (US-7120139-$ or US-7046680-$ or US-7107329-$ or US-6957186-$ or US-7046778-$ or US-6967957-$ or US-6920615-$ or US-6931111-$ or US-6876644-$ or US-6904449-$ or US-6831915-$ or US-6853714-$ or US-6816880-$ or US-6845102-$ or US-6822954-$ or US-6779020-$ or US-6816469-$ or US-6779030-$ or US-6763458-$ or US-6735175-$ or US-6775253-$ or US-6731930-$ or US-6731625-$ or US-6738390-$ or US-6697848-$ or US-6687360-$). did. or (US-6636885-$ or US-6614781-$ or US-6611867-$ or US-6587684-$ or US-6584186-$ or US-6510550-$ or US-6473759-$ or US-6570855-$ or US-6212635-$ or US-6125372-$ or US-6421727-$ or US-6097515-$ or US-6070012-$ or US-6289010-$ or US-6009464-$ or US-5982769-$ or US-5909480-$ or US-5825769-$ or US-6002502-$ or US-5768539-$ or US-5828952-$ or US-5349579-$ or US-5341374-$ or US-5802162-$ or US-5600643-$). did. or (US-6230194-$ or US-20020178178-$).did. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2007/12/07 08:20 |
| S32 6 | 18 | S325 and (( upgrad$4 download$4) with (software application applet API code program) with (gateway softswitch controller)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/07 08:05 |
| S32 7 | 10 | S326 and (gateway same download$3 ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/07 08:06 |

| S32 8 | 25 | S325 and telecommunica$5 and download$4 and (call with (rout$4 terminat$4 activat$4 servic$3)) and gateway and switch$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/07 08:21 |
|---|---|---|---|---|---|---|
| S32 9 | 7 | S328 and (gateway with (download$3 upgrad$4)) not (download$3 with telephone) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/07 08:24 |
| S33 0 | 10 | S328 and ((portal gateway controller) with (download$3 upgrad$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/07 08:32 |
| S33 1 | 2 | S325 and gateway and download$4 and (Reifer or Peng).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/07 08:32 |